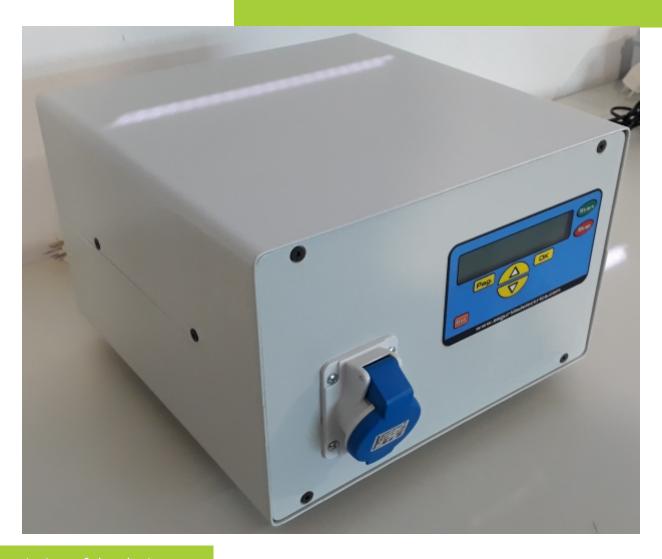


# **Servo Controlled Voltage Stabilizer**

( Maximun load 7A <sup>°</sup>



## Description of the device

The Servo Controlled Voltage Stabilizers constantly monitors the output voltage and controls the variations in the output voltage by movements of a motor. This motor in turn selects the proper output voltage on the variable transformer (variac).

#### Controls and stabilizes:

- Output Voltage regulation ±1% of voltage setpoint.
- The operation principle is electronic-mechanical reason why it does not alter to the frequency nor the waveform of the power provision.
- The microcontroller controls a motor that is the one in charge to vary the position of the axis of a variable autotransformer to be able to always maintain the output voltage in the setpoint value.
- It is able to control equipment of consumptions of up to 7 Amperes in this model.

### Setpoint:

 Output Voltage: Form display LCD you can set the output voltage.

## Technical characteristics

- Output Voltage: from 40 Vca to 245 Vca.
- Regulation: ± 1V.
- Maximun load: 25 Aca.
- Totally controlled by microcontroller.
- Setpoint of output voltage .
- Without steps in the output voltage.
- With Display LCD to view:
  - Output Voltage: Stabilized Voltage.
  - O Voltage set.
- User Manual.
- Power supply: 220Vca / 50Hz.
- Dimensions: 330 x 350 x 250(h) mm. Aprox.
- Weight: 68Kg.
- Calibration report.

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